

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016436**Date Inspected:** 25-Aug-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao / Li yan hua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of repair weld joint 2G-037 located on PCMK SB017-084 of SB84W the welder is identified as 062806. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-2G (2F)-Repair.

FCAW welding of critical repair weld joint 2G-004 located on PCMK SB019-074 of SB74E the welder is identified as 062783. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-2G (2F)-Repair and B-CWR1825.

FCAW welding of critical repair weld joint 3G-019 located on PCMK SB019-074 of SB74E the welder is identified as 062783. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-3G (3F)-Repair and B-CWR1825.

FCAW welding of repair weld joint 1G-001 located on PCMK SB016-078 of SB78W the welder is identified as 062757. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-345-FCAW-1G (1F)-Repair.

Visual inspection of weld joint fit up of bearing plate following weld joints is identified as SB020-084-026,032

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dimension and tack weld checked with ZPMC Mr. Xu tao is appeared to comply with WPS-B-P-2112.

BAY#14

SMAW welding of weld joint 4G-019 located on PCMK SEG30042 of Segment 12AW the welder is identified as 051348. ZPMC QC is identified as Mr. Wang xian pin. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b-FCM.

FCAW welding of weld joint 3G-200 located on PCMK SSD25-PP104 of Segment 11DW the welder is identified as 047866. ZPMC QC is identified as Mr. Wang xian pin. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-Tc-U4b-F.

FCAW welding of weld joint 2F-115 located on PCMK SSD25-PP104 of Segment 11DW the welder is identified as 202122. ZPMC QC is identified as Mr. Wang xian pin. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2122.

BLAST SHOP#1

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG segment 11AE Inside corner assembly, Floor beams and Deck panel surfaces from the panel point 95 to 97 after grit blasting. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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| Inspected By: | Kumar,Chadra | Quality Assurance Inspector |
| Reviewed By: | McClendon,Timothy | QA Reviewer |
